

ABSTRACT OF THE DISCLOSURE

A highly compact and easily fabricated band pass filter is disclosed. A band pass filter according to the present invention employs a first half-wave ($\lambda/2$) resonator having a first open end on which an input terminal is formed and a second open end opposite to the first open end, a second half-wave ($\lambda/2$) resonator having a third open end on which an output terminal is formed and a fourth open end opposite to the third open end, and an evanescent waveguide interposed between the second open end of 5 the first resonator and the fourth open end of the second resonator. The first half-wave ($\lambda/2$) resonator, the second half-wave ($\lambda/2$) resonator, and the evanescent waveguide being single-unit. An air gap does not have to be formed by mounting components on a printed circuit board. Therefore, 10 the overall size of the band pass filter can be miniaturized and fabrication 15 of the band pass filter is simplified.